

## Chapter 5

### Equipment Symbols

The shadowed boxes **1-16** show the page number for the definition of a symbol or graphic in this chapter.

This chapter describes equipment, weapon, ground vehicle, and aerial vehicle symbols. It describes procedures for creating composite weapon system symbols and the procedures for text labeling to provide necessary details.

The use of the symbol frames shown in Chapter 4 is optional for equipment and recommended only for ships, aircraft, and aerial vehicles.

Orientation of the symbols shown in this chapter is extremely important. All manual and automated displays and overlays should show the symbol oriented the same as the actual equipment. The “Q” field will show the orientation of moving equipment symbols.

Blue or black will represent friendly equipment on color displays and red will represent enemy or hostile equipment. Monochrome displays will use the color available.

### EQUIPMENT SYMBOL LABELING

Figures 5-1 through 5-4 show the placement of unit labeling fields around the different symbol frames. Figure 5-5 is a table defining the labeling fields. See Appendix A for examples of fully labeled unit and equipment symbols.

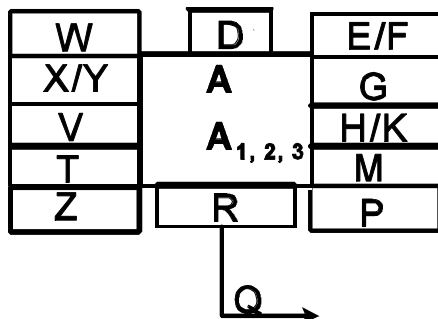


Figure 5-1. Friendly and Neutral Ground Equipment Labeling Fields

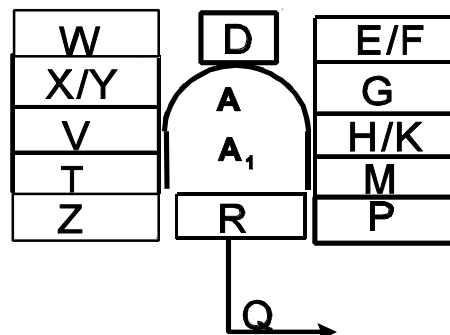


Figure 5-2. Friendly Aerial Vehicle and Aircraft Labeling Fields

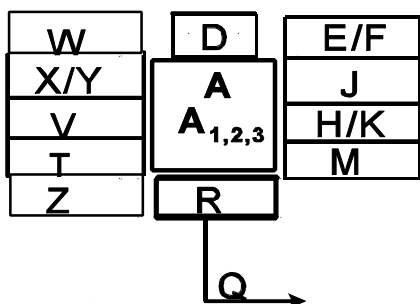


Figure 5-3. Enemy Ground and Naval (Surface) Equipment Labeling Fields

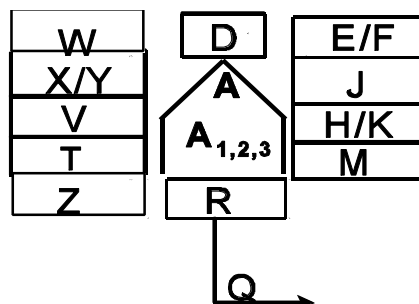


Figure 5-4. Enemy Aerial Vehicles and Aircraft (In Flight) Labeling Fields

Field	Field Title	Description	Application	Length
A	Symbol	Frame shape, fill, and icon showing the basic function of units, installations, or equipment with modifiers A1, A2, and A3	All	(characters)
D	Equipment	Indicates number of items present. Installation : Size in square feet	Units and installations	10
E	Suspect, Assumed Friend, Faker, Joker	Question mark '?': suspect, assumed friend, faker. 'J': joker	All	1
F	Reinforced or Detached	Shows (+) reinforced , (-) reduced, or (+-) reinforced and reduced	Units	3
G	Staff Comments	Free text	All	20
H	Additional Information	Free text	All	20
J	Evaluation Rating	One letter and one number (see STANAG 2022 )	Enemy only	2
L	Signature Equipment	Indicated by "I" ( refers to detectable electronic signatures)	Enemy equipment only	1
M	Higher Formation	Number or title of higher echelon command (Corps designated by Roman numerals)	All	21
N	Enemy (Hostile)	Indicated enemy by letters "ENY"	Enemy equipment, lines, areas, and boundaries	3
P	IFF/SIF	Identification modes and codes	Units and equipment	5
Q	Direction of Movement Arrow	Direction symbol is moving or will move. Nuclear, biological, chemical: downwind direction	All	4
R	Mobility Indicator	Pictorial representation of mobility	Equipment only	
T	Unique Designation	An alphanumeric title that uniquely identifies a particular symbol; track number. Nuclear: friendly delivery unit (missile, satellite, aircraft, etc)	All	21
V	Type of Equipment	Identifies unique designation. Nuclear: Friendly weapons type	Units and equipment	24
W	Date-Time Group	Alphanumeric field for date/time (MILSTD-2500A) (DDHHMMSSZMONYY) or "o/o" for on order	All	15
X	Altitude / Depth	Altitude portion of GPS. Flight level for aircraft. Depth for submerged objects. Height in feet of equipment or structure on the ground. Nuclear: Height of burst	All	6
Y	Speed	Nautical miles per hour; kilometers per hour	Units and equipment	5
Z	Location	Latitude and longitude; grid coordinates	All	19

Figure 5-5. Equipment Labeling Field Definitions